

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for deploying digital subscriber line (DSL) service via a combination analog/DSL modem, said method comprising:

receiving a subscriber login request into a network site via an analog modem portion of ~~[[a]]~~ said combination analog/DSL modem~~[[,]]~~ prior to a service line of said subscriber being communicatively connected to said combination analog/DSL modem not being provisioned for DSL service by being connected to a central office and a service provider's complementary DSL device at a time of receipt of said subscriber login request;

requesting said combination analog/DSL modem to provide test results relating to a suitability of said service line used by said subscriber for supporting DSL service; ~~and~~

automatically initiating provisioning of DSL service on said service line by with said combination analog/DSL modem for establishing a physical communicative connection between said service line~~[[,]]~~ said central office and ~~[[a]]~~ said service provider's complementary DSL device if said service line is determined suitable to support DSL service based on said test results ~~by said combination analog/DSL modem; and~~

~~wherein~~ switching said combination analog/DSL modem to use a DSL portion for communication with said service provider's complementary DSL device after said automatically initiated provisioning of said DSL service is automatically qualified for service to said service line connected to said combination analog/DSL modem.

2. (canceled)

3. (currently amended) The method for deploying DSL service via a combination analog/DSL modem according to claim 1, wherein:

said network site is accessed via a separate connection to an Internet.

4. (currently amended) The method for deploying DSL service via a combination analog/DSL modem according to claim 1, further comprising:

providing at least one of an address and a telephone number to said network site via said analog modem portion of said combination analog/DSL modem.

5. (previously presented) The method for deploying DSL service via a combination analog/DSL modem according to claim 1, further comprising:

performing a measurement of at least one parameter of said service line using said analog modem portion of said combination analog/DSL modem.

6. (original) The method for deploying DSL service via a combination analog/DSL modem according to claim 5, wherein said performing of said measurement further comprises:

measuring an amplitude of a signal transmitted over said service line.

7. (original) The method for deploying DSL service via a combination analog/DSL modem according to claim 5, wherein said performing of said measurement further comprises:

measuring a return echo over said service line.

8. (original) The method for deploying DSL service via a combination analog/DSL modem according to claim 5, wherein said performing of said measurement further comprises:

measuring a tip voltage of said service line.

9. (original) The method for deploying DSL service via a combination analog/DSL modem according to claim 5, wherein said performing of said measurement further comprises:

measuring a ring voltage of said service line.

10. (original) The method for deploying DSL service via a combination analog/DSL modem according to claim 5, wherein said performing of said measurement further comprises:

measuring a capacitance of said service line.

11. (original) The method for deploying DSL service via a combination analog/DSL modem according to claim 5, wherein said performing of said measurement further comprises:

measuring an impedance of said service line.

12. (currently amended) The method for deploying DSL service via a combination analog/DSL modem according to claim 1, further comprising:

informing said subscriber that DSL service is not available when said service line is determined to not support DSL service based on said test results.

13. (original) The method for deploying DSL service via a combination analog/DSL modem according to claim 12, further comprising:

informing said subscriber of a reason that DSL service is not available.

14. (original) The method for deploying DSL service via a combination analog/DSL modem according to claim 1, further comprising:

selecting a DSL modem portion of said combination analog/DSL modem.

15. (canceled)

16. (currently amended) A computer program product for deploying digital subscriber line (DSL) services via a combination analog/DSL modem, the computer program product comprising a computer usable medium having computer readable program code thereon, the computer readable program code including:

program code for logging into a network site via an analog modem portion of ~~[[a]]~~ said combination analog/DSL modem~~[[,]]~~ prior to a DSL portion of said combination analog/DSL modem being communicatively connected to a ~~service line not being provisioned for DSL service by being connected to a central office and~~ a service provider's complementary DSL device ~~at a time of said logging into said network;~~

program code for providing test results measured from said analog/DSL modem ~~to a DSL service provider~~ relating to a suitability of said service line for DSL services, before said service line is provisioned for DSL service~~[[s]]~~ ~~by being connected to a central office and a service provider's complementary DSL device;~~ and

program code for automatically initiating provisioning of DSL service on said service line with said combination analog/DSL modem for establishing a communicative connection between said service line and a service provider's complementary DSL device if said service line is determined suitable to support DSL service based on said test results;

program code for switching ~~receiving provisioned DSL services being connected to a central office and a service provider's complementary DSL device when said service line is tested to be suitable to support DSL services,~~ said combination analog/DSL modem ~~being automatically switched to use of said DSL portion~~ for communication with ~~after said provisioning, said provisioning of DSL service on said service line establishing a physical connection between said service line, said central office and a~~ said service provider's complementary DSL device after said automatically initiated provisioning of said DSL service.

17. (original) The computer program product according to claim 16, further comprising:

program code for accessing said network site via a separate connection to an Internet.

18. (original) The computer program product according to claim 16, further comprising:

program code for providing at least one of an address and a telephone number to said network site via said analog modem portion of said combination analog/DSL modem.

19. (previously presented) The computer program product according to claim 16, further comprising:

program code for directing said analog modem portion of said combination analog/DSL modem to measure at least one parameter of said service line.

20. (original) The computer program product according to claim 19, wherein said at least one parameter comprises:

an amplitude of a signal transmitted over said service line.

21. (original) The computer program product according to claim 19, wherein said at least one parameter comprises:

a return echo over said service line.

22. (original) The computer program product according to claim 19, wherein said at least one parameter comprises:

a tip voltage of said service line.

23. (original) The computer program product according to claim 19, wherein said at least one parameter comprises:
a ring voltage of said service line.

24. (original) The computer program product according to claim 19, wherein said at least one parameter comprises:
a capacitance of said service line.

25. (original) The computer program product according to claim 19, wherein said at least one parameter comprises:
an impedance of said service line.

26. (original) The computer program product according to claim 16, further comprising:

program code for selecting a DSL modem portion of said combination analog/DSL modem.

27. (currently amended) A combination analog/DSL modem comprising:

an analog modem module adaptively connected to said combination analog/DSL modem;

a DSL modem module adaptively connected to said combination analog/DSL modem;

a parameter test module in said combination analog/DSL modem, said parameter test module being adapted to measure at least one parameter of a service line prior to ~~before~~ a DSL portion of said combination analog/DSL modem being communicatively ~~said service line is provisioned for DSL services by being connected to a central office and a service provider's complementary DSL device; and~~

a parameter reference module adaptively connected to said combination analog/DSL modem adapted to correlate said measurement by said parameter test module to a suitability for supporting DSL services on said service line via said DSL modem module, and to automatically initiate ~~instruct a service provider to attempt automatic~~ provisioning of DSL service on said service line if said suitability is determined to support DSL service, wherein said provisioning of DSL service comprises establishing a physical communicative connection between a subscriber's location[[,]] ~~said central office and a~~ and said service provider's complementary DSL device; and

a switch for switching said combination analog/DSL modem to use a DSL portion for communication with said service provider's complementary DSL device after said automatically initiated provisioning of said DSL service

~~wherein said combination analog/DSL modem supports analog service to a subscriber and DSL service to said subscriber.~~

28. (original) The combination analog/DSL modem of claim 27,
wherein:

said parameter test module is adapted to measure an amplitude of
a signal transmitted over said service line.

29. (original) The combination analog/DSL modem of claim 27,
wherein:

said parameter test module is adapted to measure a return echo
over said service line.

30. (original) The combination analog/DSL modem of claim 27,
wherein:

said parameter test module is adapted to measure a tip voltage of
said service line.

31. (original) The combination analog/DSL modem of claim 27,
wherein:

said parameter test module is adapted to measure a ring voltage of
said service line.

32. (original) The combination analog/DSL modem of claim 27,
wherein:

said parameter test module is adapted to measure a capacitance of
said service line.

33. (original) The combination analog/DSL modem of claim 27,
wherein:

said parameter test module is adapted to measure an impedance of
said service line.